

Applin No.: 09/606,804 Page 1 of 10 Applicant(s): Amy S. Lee STRESS-RESPONSIVE INDUCTION OF A THERAPEUTIC AGENT AND METHODS OF USE

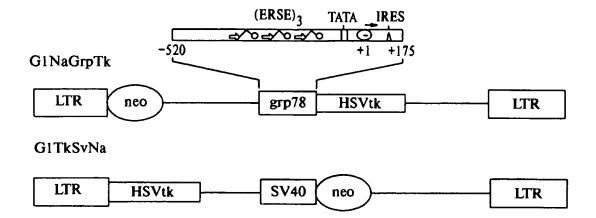


FIG. 1



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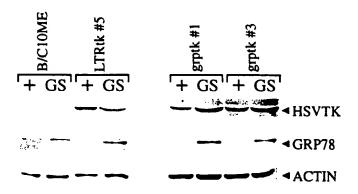


FIG. 2A

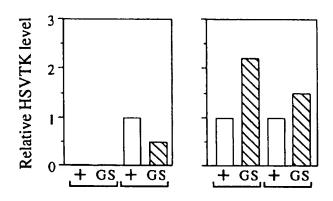
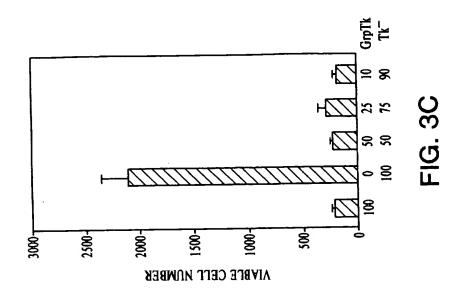
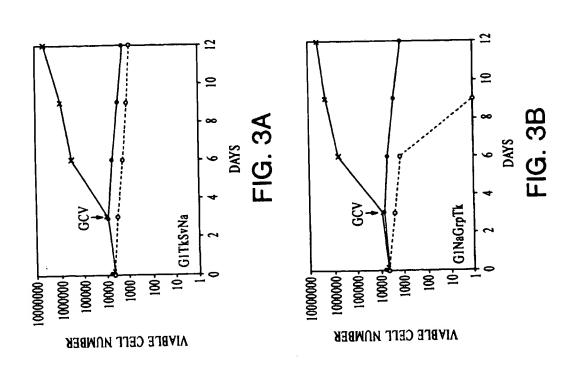


FIG. 2B

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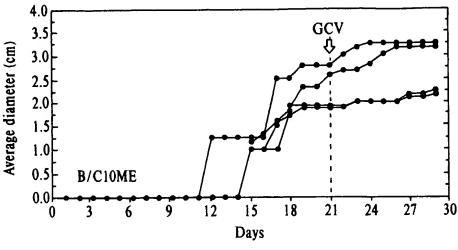


FIG. 4A

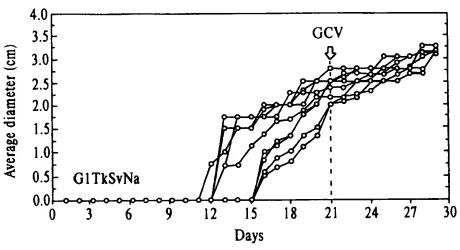


FIG. 4B

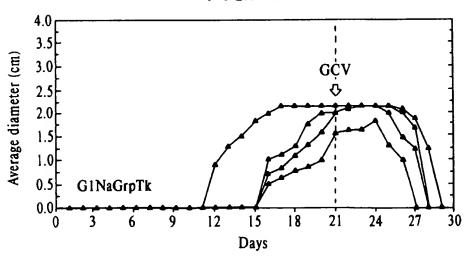


FIG. 4C



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FIG. 5A



FIG. 5B

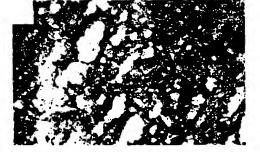
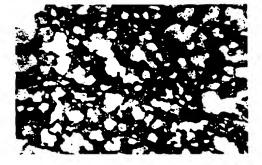
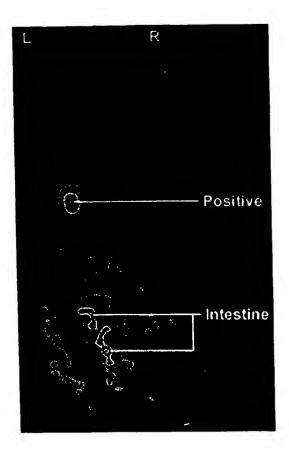


FIG. 5C



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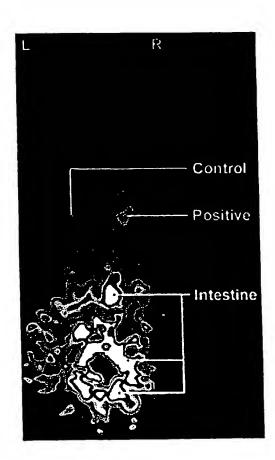


FIG. 6B

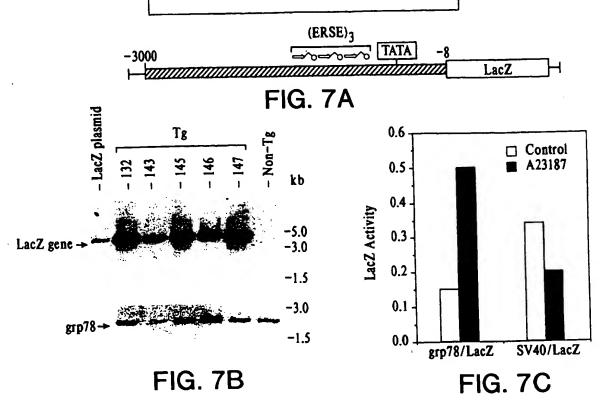


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STRESS-RESPONSIVE INDUCTION OF A THERAPEUTIC

AGENT AND METHODS OF USE

grp78/LacZ Transgene



Tg/Tg

Tg/+



Application of carcinogen

7,12-dimethyl benz [α] anthracene

Development of tumors

isolate tumorous tissues isolate normal organs

LacZ staining histology

FIG. 8



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grp78/LacZ Transgenic Mouse

Normal Organs

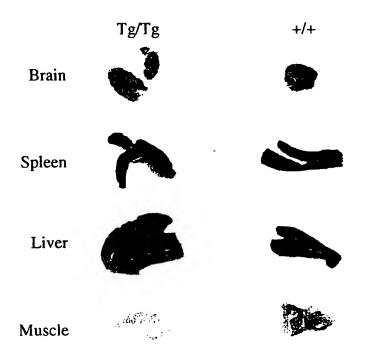


FIG. 9



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grp78/LacZ Transgenic Mouse

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Tumorous Tissues

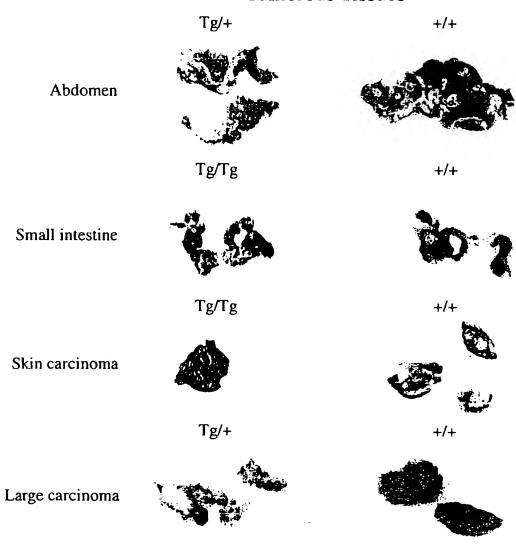


FIG. 10



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grp78/LacZ Transgenic Mouse

Tumorous Tissues

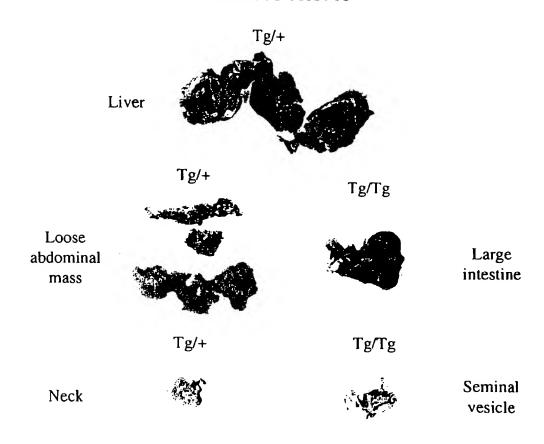


FIG. 11